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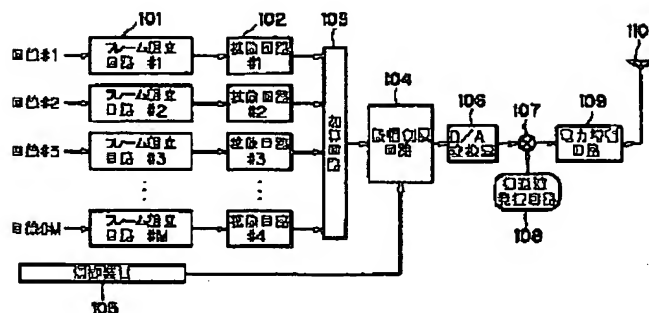
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TITLE : SPREAD SPECTRUM SYSTEM
COMMUNICATION EQUIPMENT



ABSTRACT : PURPOSE: To reduce power consumption of a transmission power amplifier and cost.

CONSTITUTION: In a portable telephone base station equipment using a direct spread spectrum system as the transmission system of digital signals, in the case of code division multiplexing and transmitting the signals of plural channels, the transmission power amplifier 109 of an allowable dynamic range smaller than a dynamic range provided in the multiplexed signals is used. In the prestage, an amplitude limiter circuit 104 set at an amplitude limiting level for minimizing the influence of the shortage of the dynamic range of the transmission power amplifier 109 is provided. The amplitude limiter circuit can be in constitution using an LSI for arithmetic operations or the simplified constitution by a ROM read system.

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